- ! Areas in Kill Devil Hills where the predominant slope exceeds twelve percent include:
 - Wright Brothers National Memorial;

- Run Hill:

- frontal and primary dunes along the oceanfront; and.
- dunes with vegetative cover in the maritime forest.
- ! Under the Coastal Area Management Act (CAMA), North Carolina's Coastal Resources Commission (CRC) has designated a number of areas of environmental concern (AEC) in order to protect the State's valuable natural resources. Seven types of AEC's in three categories are found in Kill Devil Hills. These are:

Estuarine System AEC's

- Estuarine Waters
- Coastal Wetlands
- Public Trust Areas
- Estuarine Shorelines;

Ocean Hazard AEC's

- Ocean Erodible Areas
- High Hazard Flood Areas; and,

Public Water Supply AEC's

- Fresh Pond.
- ! The State classifies tidal salt waters as follows:
 - Class SA: Shellfishing for market purposes and any other usage specified by the ASB@ and ASC@ classification;
 - Class SB: Primary recreation and any other usage specified by the ASC@ classification;
 - Class SC: Fish and wildlife propagation, secondary recreation, and other uses requiring waters of lower quality
- ! The waters of the Atlantic Ocean carry the ASB@ water quality use classification. The waters of Kitty Hawk Bay carry the ASC@ water quality use classification.